

1 3. (Amended) The sealing system according to claim 1, wherein the
2 contact surface is loaded with a specific sealing pressure, which is in the elastic
3 deformation range of a material of which the parts consist.

1 4. (Amended) The sealing system according to claim 1, wherein the
2 sealing surfaces have a mutual guidance transverse to the media area wall.

1 5. (Amended) The sealing system according to claim 1, wherein the
2 sealing surfaces have a cross-section with a mutually complimentary profile.

1 6. (Amended) The sealing system according to claim 1, wherein the
2 sealing surfaces are designed in such a way that a specific sealing pressure decreases
3 from an intersection line of a sealing gap between the sealing surfaces with the media-
4 carrying area wall.

1 7. (Amended) The sealing system according to claim 1, wherein guide
2 sections are provided on both parts, the guide sections situated transversely to and
3 spaced from the sealing surfaces wherein, for pre-centering of the two parts, the
4 guide sections have insertion bevels for bringing the two parts together, and a
5 separating gap is formed between the guide sections for aligning the two parts before
6 the sealing surfaces are pressed together.

1 8. (Amended) The Sealing system according to claim 1, wherein the
2 media-carrying area walls of both parts are truly aligned.

1 9. (Amended) The sealing system according to claim 1, wherein,
2 adjacent to the media-carrying area wall, the sealing surface of one of the parts has a
3 sealing lip projecting towards the other part and which is received in a corresponding
4 half-recess on the sealing surface of the other part.

1 10. (Amended) The sealing system according to claim 3, wherein the
2 sealing pressure is predetermined by a stop provided by a clamping device.

1 11. (Amended) The Sealing system according to claim 1, further

2 comprising stop faces between the parts, which form a clearance between the parts,
3 whose width is sufficiently large that on bracing the sealing system up to the closing
4 of the clearance, a sealing pressure is built up by the elastic deformation of the parts.

1 12. (Amended) The Sealing system according to claim 1, further
2 comprising an elastically deformable portion of the parts interposed between a
3 clamping device and the sealing surfaces.

1 13. (Amended) The Sealing system according to claim 1, wherein the
2 sealing system is a joint connection between two media-carrying parts.

1 14. (Amended) The sealing system according to claim 1, wherein the
2 parts are made from an equally hard material.

1 15. (Amended) A method for the manufacture of a sealing system
2 according to claim 1, wherein the sealing surfaces are produced by profile precision
3 turning by means of mutually complimentary profile cutting edges.

1 16. (New) The sealing system according to claim 1, provided for aseptic
2 applications.

1 17. (New) The sealing system according to claim 2, wherein the contact
2 surface has a width of between 0.01 and 1 mm.

1 18. (New) The sealing system according to claim 3, wherein the specific
2 sealing pressure is in the range of 20% to 80% of the yield point of the material
3 forming the parts.

1 19. (New) The sealing system according to claim 6, wherein surface
2 portions of the sealing surfaces are provided as reserve sealing surfaces adjacent to
3 the contact surface, and which have a complimentary design.

1 20. (New) The sealing system according to claim 19, wherein an annular
2 clearance with a size of 1/15,000 to 1/500 of a nominal width of the sealing system